PUBLIC HEALTH-BIOSTATISTICS (PHBI)

PHBI 711 CATEGORICAL DATA ANALYSIS (3 Hours)
Prerequisite: PHS 503 Introduction to Biostatistics and Computer Applications, PHS 701 Advanced Biostatistics and Computer Applications, and a multiple regression analysis course.
This course provides an in-depth review of the appropriate biostatistical techniques for analyzing categorical data. Included will be chi-square statistics, log-linear analysis, and logistic regression. SPSS and/or SAS statistical software packages will be utilized.

PHBI 712 MULTIVARIATE ANALYSIS I (3 Hours)
Prerequisite: PSY 502 may be substituted for MNGT 712.
This course covers multivariate analysis of variance and covariance, canonical correlation, factor analysis, discriminant function analysis, and selected advanced topics.

PHBI 713 MULTIVARIATE METHODS II (3 Hours)
Structural-equation models, log-linear models, and selected advanced topics based on student needs and interests.